

PERFORMANCE DATA

Compressor Model	C-SBS145H15A
Power Source	1PH 50Hz 220V
Suction Gas Superheat(K)	11.1
Sub Cooling(K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R404A

CAPACITY(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	7,300	8,850	10,040	12,990	15,390	17,140	19,080	20,610
40.5	6,530	7,940	9,040	11,750	13,950	15,570	17,370	18,790
45.0	5,950	7,260	8,280	10,800	12,860	14,380	16,070	17,400
50.0	5,360	6,560	7,500	9,830	11,740	13,150	14,720	15,960
54.4		6,010	6,880	9,050	10,830	12,150	13,620	14,790
60.0			6,160	8,140	9,780	10,990	12,350	13,430
65.0				7,420	8,940	10,070	11,340	12,340

POWER(W)

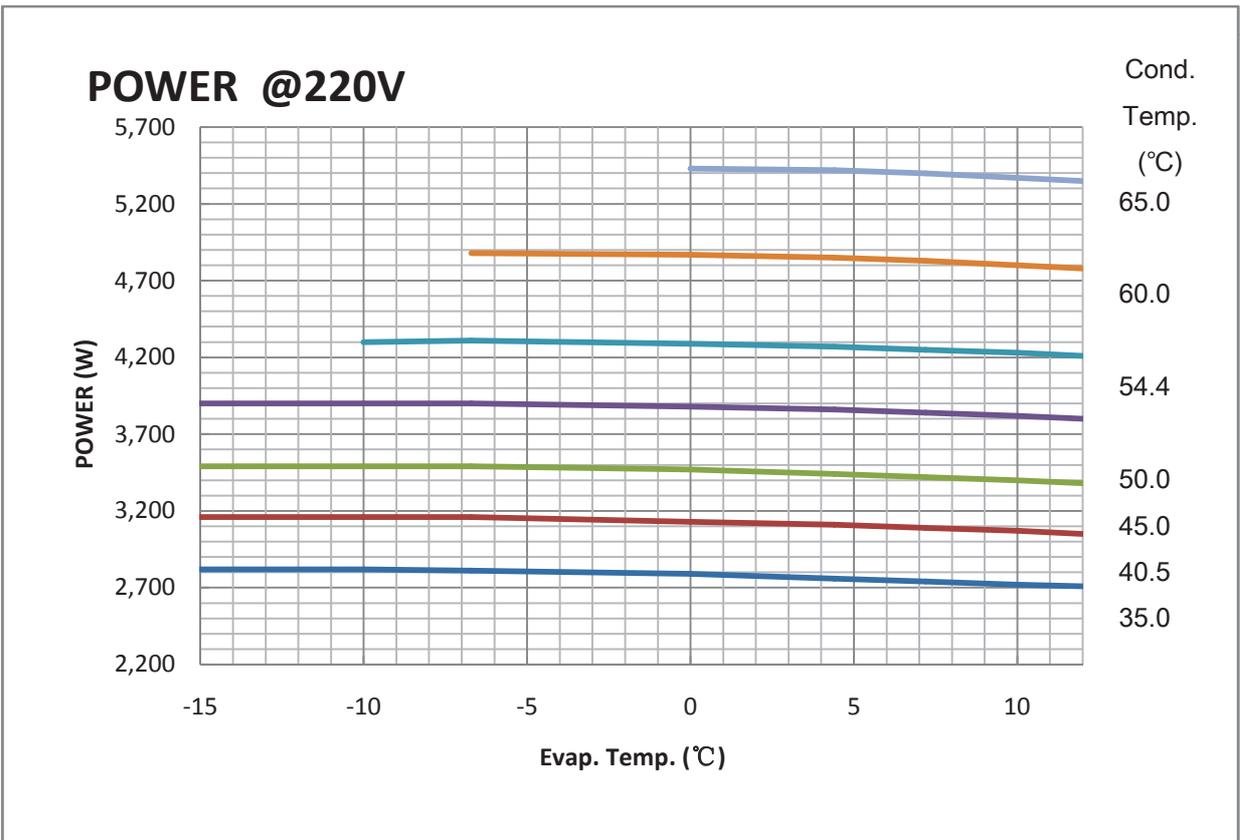
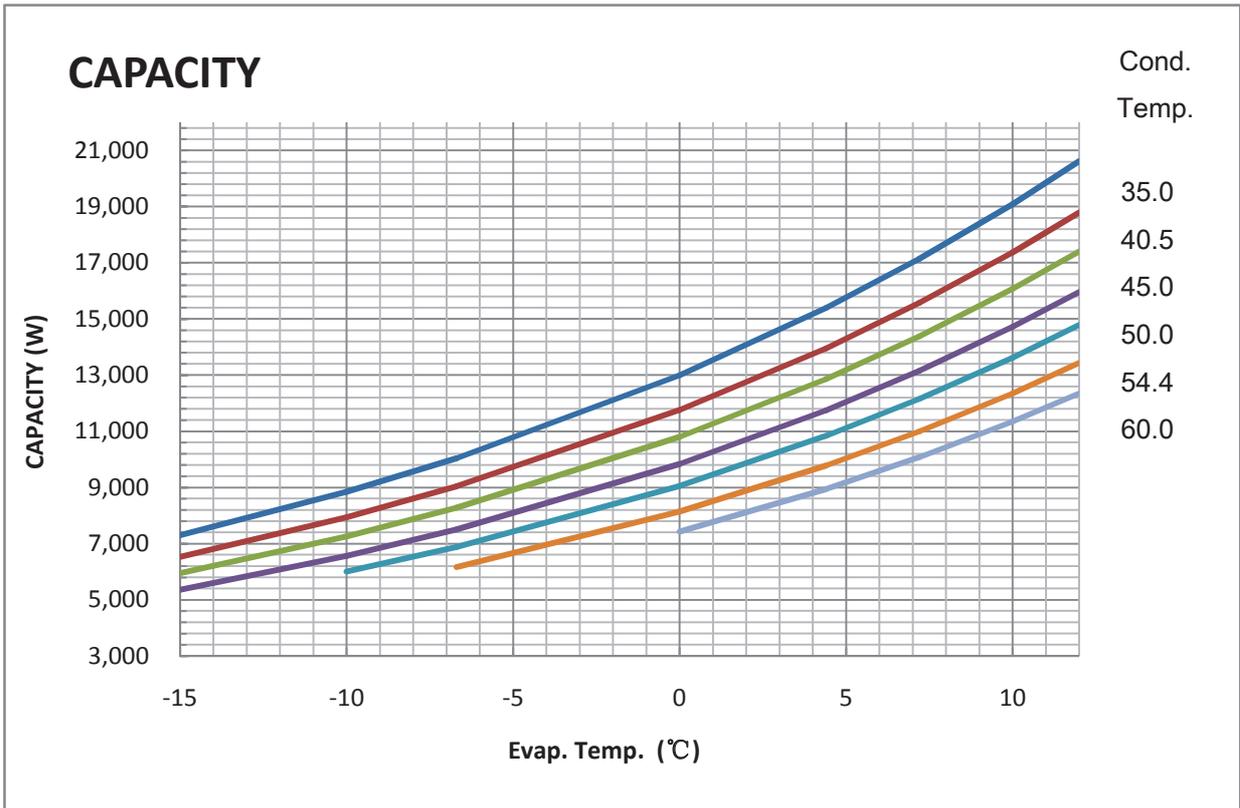
Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	2,820	2,820	2,810	2,790	2,760	2,740	2,720	2,710
40.5	3,160	3,160	3,160	3,130	3,110	3,090	3,070	3,050
45.0	3,490	3,490	3,490	3,470	3,440	3,420	3,400	3,380
50.0	3,900	3,900	3,900	3,880	3,860	3,840	3,820	3,800
54.4		4,300	4,310	4,290	4,270	4,250	4,230	4,210
60.0			4,880	4,870	4,850	4,830	4,800	4,780
65.0				5,430	5,420	5,400	5,370	5,350

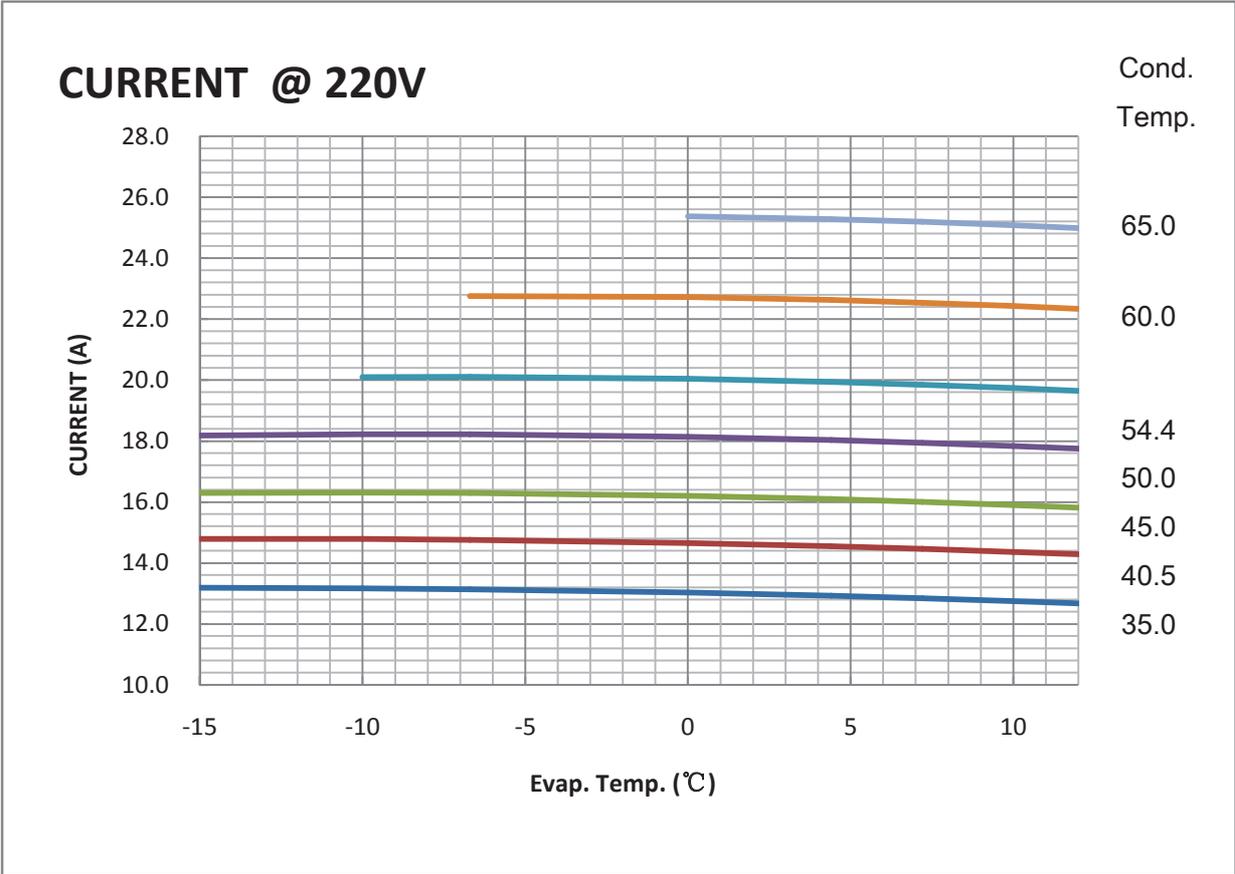
CURRENT(A)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	13.2	13.2	13.1	13.0	12.9	12.8	12.7	12.7
40.5	14.8	14.8	14.8	14.7	14.5	14.5	14.4	14.3
45.0	16.3	16.3	16.3	16.2	16.1	16.0	15.9	15.8
50.0	18.2	18.2	18.2	18.1	18.0	17.9	17.8	17.8
54.4		20.1	20.1	20.0	19.9	19.9	19.7	19.7
60.0			22.8	22.7	22.6	22.5	22.4	22.3
65.0				25.4	25.3	25.2	25.1	25.0

REFRIG FLOW(kg/h)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	192	228	255	322	375	413	455	488
40.5	189	224	251	317	369	406	448	480
45.0	186	221	248	313	364	401	442	474
50.0	183	218	244	308	359	395	436	467
54.4		215	241	304	354	390	430	461
60.0			237	299	348	384	423	454
65.0				295	343	378	417	447





COEFFICIENTS OF PERFORMANCE CURVES

Compressor Model **C-SBS145H15A**
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 Suction Gas Superheat (K) **11.1**
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 Compressor Cooling **Natural Cooling**
 Refrigerant **R404A**

$X=C1+C2*(S)+C3*D+C4*(S^2)+C5*(S*D)+C6*(D^2)+C7*(S^3)+C8*(D*S^2)+C9*(S*D^2) +C10*(D^3)$
 X—CAPACITY(W) OR POWER(W) OR CURRENT(A) OR FLOW(kg/h)
 S—EVAPORATING TEMP, °C
 D—CONDENSING TEMP, °C

380V-50Hz	CAPACITY (W)	POWER (W)	CURRENT (A)	FLOW (kg/h)
1	2.334380E+04	1.986149E+03	9.285489E+00	3.571961E+02
2	8.271165E+02	-3.769500E+00	-7.001007E-03	1.229476E+01
3	-3.552617E+02	-1.250051E+01	-5.697956E-02	-1.058512E+00
4	1.341522E+01	3.360614E-02	3.616058E-04	2.130720E-01
5	-1.096739E+01	-7.103262E-02	-7.553079E-04	-3.462725E-02
6	1.697750E+00	1.008854E+00	4.682641E-03	1.426627E-03
7	1.117089E-01	-3.641504E-04	-1.306491E-06	2.105207E-03
8	-1.038591E-01	-5.372122E-03	-2.958618E-05	-4.856958E-04
9	4.710166E-02	1.240872E-03	1.025175E-05	5.064537E-05
10	-1.591872E-09	-1.023795E-08	-7.296139E-12	1.109116E-10